



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

646.3711
Job Sheet 170466



Part No: 646.3711

Job Qty: 20 ea

Part Name: Clip



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/16/18

Job Tracking No:

Due Date: 2/8/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV A IPP REV:A 12.11.23 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	20 Ea		2/7/18	0.00	0.00	Start Up Waterjet		SC 18/02/04
110	Waterjet	20 pcs		2/7/18	0.00	1.22	Waterjet1		SC 18/02/04
120	QC	20 pcs		2/7/18	0.00	0.00	QC2 Waterjet-1		SC 18/02/04
130	QC	20 pcs		2/7/18	0.00	0.00	QC8-1		SC 18/02/04
140	Brake NC	20 pcs		2/8/18	0.04	0.96	Brake NC 1		DAS 38
150	QC	20 pcs		2/8/18	0.00	0.00	QC5		38
155	HandFinish	20 pcs		2/8/18	0.00	0.00	HandFinish2		18-02-22
160	Outsource	20 pcs		2/8/18	0.00	0.00	Outsource4		AT 18/03/26
170	Packaging	20 pcs		2/8/18	0.00	0.00	Packaging2		AT 18/03/26
180	QC	20 pcs		2/8/18	0.00	0.00	QC5		QC6
210	Packaging	20 pcs		2/8/18	0.00	0.00	Packaging3-1		CLK101
220	QC21-SA	20 Ea		2/8/18	0.00	0.00	QC21		DAS 11

Part Op 110 - 1-Cut as per Dwg

Descriptions: 155 - CLEAN AND REMOVE ALL MARKINGS

160 - Issue P/O to ATG: 039182 1- Black Anodize as per Dwg 646.3700 2- PRIME AS PER DWG, SEE NOTE #2
Certification of Conformity is required

210 - ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

MAR 02 2018

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	M6061T6S.063	1	209	0	0
	5018207	(C)			

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Clip	1Inches ± 0	1		
2	Clip	2Inches ± 0	2		
3	Clip	3Inches ± 0	3		
4	Clip	0Inches ± 0	0		

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



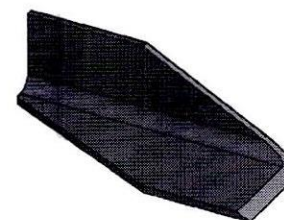
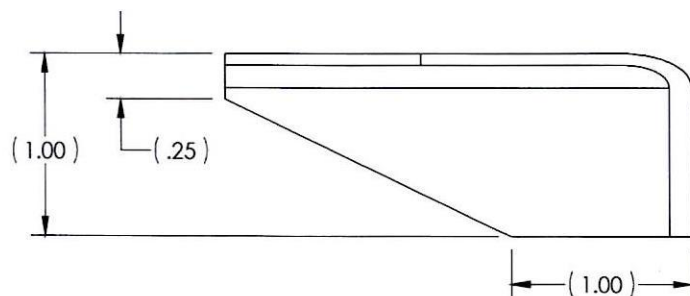
QA Closed: _____ Date: _____

Work Order update only ☐

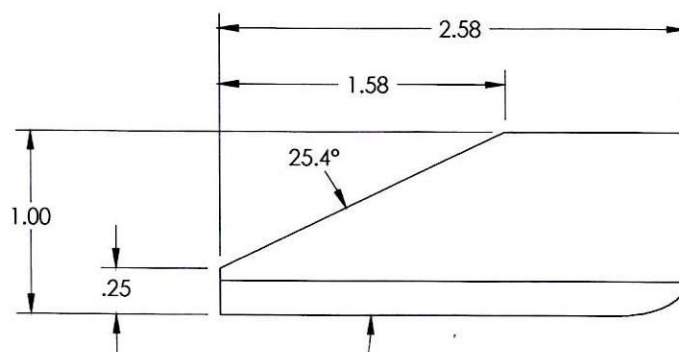
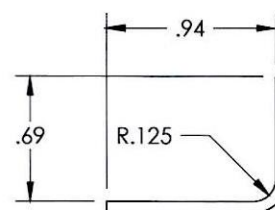
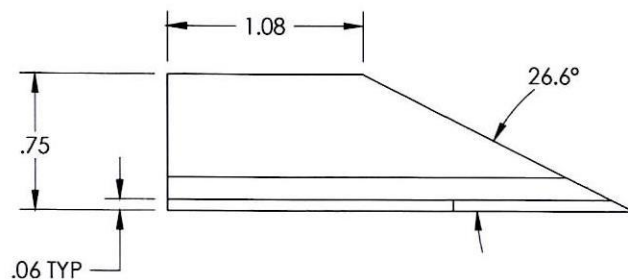
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐	Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐	Engineering ☐ Quality ☐ Other ☐					
Date : _____ Step _____	Job No: 170466 Start up Operation 02/04/18			MRB (QSI042) Approval _____					
Description Work Order _____	Change No: _____ Operation: _____ Revision: _____ Original Serial #: S038799 PART NO: 646.3711			Completed By _____					
	Clip  S038799 DART AEROSPACE			Lead hand / Supervisor Approval Verification _____					
	Clip  S038799 DART AEROSPACE			QC / QA Coordinator Approval _____					
Root Cause <table style="width:100%;"> <tr> <td style="width:50%;"> Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ </td> <td style="width:50%;"> No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐ </td> </tr> </table>	Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7 CANADA TEL: 1 613 632-5200 Email: sales@dartaero.com www.dartaerospace.com						
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐								
	<table style="width:100%;"> <tr> <td style="width:33%;"> Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ </td> <td style="width:33%;"> Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ </td> <td style="width:33%;"> Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ </td> </tr> </table>			Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐	<table style="width:100%;"> <tr> <td style="width:50%;"> Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐ </td> <td style="width:50%;"> OTHER : _____ </td> </tr> </table>	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐	OTHER : _____
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



646.3711 SHOWN
646.3712 OPPOSITE



NEXT ASSY (S)	ORIGINAL DATE	06-18-08	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300 SHEETMETAL	
	DRAWN BY	CHECKER		
	P. BRAND	J. JOSEPH		
	DRAWING APPROVAL	C. JOSEPH		
	DATE	06-18-08	SCALE: NONE	
	CONTRACT NO.			
	UNLESS OTHERWISE SPECIFIED		SHEET	3 OF 9
	DIMENSIONS ARE IN INCHES			
	TOLERANCES ARE:			
	2 PLACE DECIMALS ±.01			
	3 PLACE DECIMALS ±.005			
	ANGLES ±.5°			



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER

PO039182

Supplier: ATG001-VC
A.T.G. Industries Inc
731 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

Attention: Lalande, Marc-Andre

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO039182

PO Date: 3/2/18

Due Date: 3/16/18

Purchase Order

Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

E-MAILED
MAR 14 2018

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

Phone: 615-552-5222

				Items						
Line Item	Job	Part	Description	Status	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	170833	D5501-3	Body, Lower Cutter, Short Issue P/O to ATG: _____ HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 PRIME AS PER IAW MIL- P-23377J TYPE 1 CLASS N ***1-2 MIL MAX AS PER QSI005*** As Per Dwg D5501 Rev. A7 Certification of Comformity is required	Firmed	3/26/18	6 pcs	0 pcs	6 pcs	\$16.33/pcs	\$97.98
2	170453	646.3210	Support Issue P/O to ATG: _____ 1- Hard Anodize Color Black and Prime as per Dwg 646.3200	Firmed	3/26/18	12 pcs	0 pcs	12 pcs	\$15.18/pcs	\$182.16
3	171981	646.3312	Center Plate Issue P/O to ATG: _____ Hard Anodize Color Black, Prime as per Dwg 646.3300 Rev. N/C	Firmed	3/26/18	20 pcs	0 pcs	20 pcs	\$12.88/pcs	\$257.60
4	170464	646.3610	Filler Issue P/O to ATG: _____ 1- Hard Anodize Black and Prime as per Dwg 646.3600	Firmed	3/26/18	12 pcs	0 pcs	12 pcs	\$7.43/pcs	\$89.16
5	170466	646.3711	Clip Issue P/O to ATG: _____ Hard Black Anodize and Prime as per Dwg 646.3700 Rev. A	Firmed	3/26/18	21 pcs	0 pcs	21 pcs	\$6.93/pcs	\$145.53
6	170467	646.3712	Clip Issue P/O to ATG: _____ Hard Anodize, Color Black and Prime as Per Dwg 646.3712 Rev. A	Firmed	3/26/18	18 pcs	0 pcs	19 pcs	\$6.93/pcs	\$131.67
7	170468	646.3713	Gusset Issue P/O to ATG: _____ Hard Anodize, Color Black and Prime as per Dwg 646.3700	Firmed	3/26/18	21 pcs	0 pcs	21 pcs	\$16.58/pcs	\$348.18

DAS
11
9-89

Plex 3/14/18 10:36 AM dart.lavoie.chantal



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914804

Date: 22-Mar-18

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Diane Baker
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		OUR TRUCK	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
6 ea	Part: D5501-3 Body, Lower Cutter, Short Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - 2 mils) per drawing. Job: 22631	Rev: A7 PO: PO039182 Line: 1	
1 ea	Part: 647.7820 Cross Bracket Aft Outsource process - Anodize per QSI017 4.1.10.1 Job: 22640	Rev: A PO: PO039182 Line: 10	
21 ea	Part: 646.3711 Clip ANO/PRIME1 Job: 22635	Rev: A PO: PO039182 Line: 5	
19 ea	Part: 646.3712 Clip Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0006-.0009" (.6 - .9 mils) per drawing. Job: 22636	Rev: A PO: PO039182 Line: 6	
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>22/03/2018</u> Certified Signature: <u>[Signature]</u> Receiver Signature: _____ Made in Canada.			



A.T.G. Industries Inc.
731 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 914804

Date: 22-Mar-18

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Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

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1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

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Fax: 613 632-1053

Terms		Ship Via
		OUR TRUCK
Quantity	Description	
	A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited.	
	Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.	
	Made in Canada.	